



جامعة الجميع الذكية
EVERYONE'S SMART UNIVERSITY



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Everyone's Smart University

Project (Spring 2021)

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Section
Master

Date
Thursday
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Code
Course
(PMG506)

Advanced project Management

Instructions:

- اخر موعد للتسليم هو يوم الخميس 2021-05-820 في تمام الساعة 9 مساءً.
- الإجابة متاحة باللغة الإنجليزية أو اللغة العربية مع مراعاة أن تكون المصطلحات العلمية باللغة الانجليزية.
- يتم تسليم المشروع في صيغة ملف . pdf مع الالتزام نموذج الجامعة ولن تقبل أي مستندات أخرى.
- يجب مراعاة أقسام البحث الرئيسية (مقدمة Introduction، دراسات علمية سابقة Literature Review، طريقة البحث Methodology، النتائج والمناقشة Results and Discussion، وأخيراً المراجع References . وان كان هناك ملحقات Appendices يتم إضافتها)
- يجب الالتزام بـ Theme موحد كما يلي:
- حجم الخط 12.
- نوع الخط Arial.
- لون الخط أسود.
- المسافة بين الأسطر 1.5 line spacing
- عدد صفحات البحث (لا يقل عن ثلاث صفحات ولا يزيد عن ست صفحات).

Instructor's Name: ~~Eng. Amaal Aburumman~~ Eng. Dr. Akram M. S. Ali

Project:

You are required to document your role in administering a project. The project may be set in a business, social, sporting, or family environment but must be of a significant size and scale. If you do not have an actual project to write about you may complete the project hypothetically.

This report will be between three to six pages in length. This is a significant research project.

Your report must address ~~each~~ **ONE** of the following issues:

1. Identify and describe the purpose, scope, and objectives of the project. **Display this information using an appropriate tool.**
2. Describe how the team is given an outline of the project.
3. Describe the strategies that are going to be set up to maintain communication with the team members.
4. Describe the tools that are going to be used to monitor the goals, time frames or milestones.
5. Identify project milestones and activities. **Display this information using an appropriate tool.**
6. Create a budget and link the costs to the key milestones for a project.
7. Describe how you are going to divide tasks and resources amongst a project team. **Display this information using an appropriate tool.**
8. Briefly describe how the progress will be monitored.
9. How are current project records maintained? Who has responsibility for this? provide some recommendations on how this process could be improved.
10. Describe the current procedure for finalizing projects. Create your own procedure and identify how you will evaluate the success of the project.
11. Legislation that may affect the project including health and safety, and anti-discrimination legislation.

Best of luck...

المشروع:

مطلوب منك توثيق دورك في إدارة مشروع. قد يتم تعيين المشروع في بيئة تجارية أو اجتماعية أو رياضية أو عائلية ولكن يجب أن يكون بحجم مناسب. إذا لم يكن لديك مشروع فعلي لتكتب عنه ، فيمكنك إكمال المشروع افتراضياً. سيكون هذا التقرير من ثلاث إلى ست صفحات.

يجب أن يعالج تقريرك كل **أحد** القضايا التالية:

1. تحديد ووصف الغرض والنطاق والأهداف من المشروع. اعرض هذه المعلومات باستخدام أداة مناسبة.
2. صف كيف يتم إعطاء الفريق مخططاً تفصيلياً للمشروع.
3. وصف الاستراتيجيات التي سيتم وضعها للحفاظ على التواصل مع أعضاء الفريق.
4. صف الأدوات التي سيتم استخدامها لرصد الأهداف أو الأطر الزمنية أو المعالم.
5. تحديد معالم المشروع والأنشطة. اعرض هذه المعلومات باستخدام أداة مناسبة.
6. إنشاء موازنة وربط التكاليف بالمعالم الرئيسية للمشروع.
7. صف كيف ستقوم بتقسيم المهام والموارد بين فريق المشروع. اعرض هذه المعلومات باستخدام أداة مناسبة.
8. صف بإيجاز كيف سيتم رصد التقدم.
9. كيف يتم الاحتفاظ بسجلات المشروع الحالية؟ من المسؤول عن هذا؟ تقديم بعض التوصيات حول كيفية تحسين هذه العملية.
10. وصف الإجراء الحالي لإنهاء المشاريع. قم بإنشاء الإجراء الخاص بك وحدد كيفية تقييم نجاح المشروع.
11. التشريعات التي قد تؤثر على المشروع بما في ذلك الصحة والسلامة ، وتشريعات مكافحة التمييز.

مع تمنياتي بالتوفيق..

The Impact of Communications in the 5G project

Introduction

the 5th generation mobile network. It is a new global wireless standard after 1G, 2G, 3G, and 4G networks. 5G enables a new kind of network that is designed to connect virtually everyone and everything together including machines, objects, and devices. 5G wireless technology is meant to deliver higher multi-Gbps peak data speeds, ultra-low latency, more reliability, massive network capacity, increased availability, and a more uniform user. (QUALCOMM)

As a Telecom operator it is important for our company to shifting to 5G because it creates opportunities to adding new sources of revenue by developing infrastructure that can deliver a range of innovative services for enterprises, including IoT (Internet of Things) applications and deep integration of connectivity.

After all project steps done as project manager should create a great communication plan to achieve all the project millstone with the best quality with team members.

communication plan It is important from beginning to end of project life cycle, it is important to deliver the message between all the teams, stakeholder, internal, external and top management. the information should deliver all project status, project scope statements and updates, project baseline information, risks, action items, performance measures, project acceptance, and so on.

Project communication management ensures timely and appropriate generation, collection, dissemination, storage, and disposition of project information. Open and clear communications are required among planners, implementers, and all levels of the organization for project success. It includes having a communication plan, information distribution path, progress reporting, and information sharing system for management and customers (Kwak & Ibbs, 2002)

a communication plan can help your business during a time of crises if a previous decision damaged your reputation with internal stakeholders or customers. Bad communication managed will lead to de-motivated workforce, design errors, slowdown in the entire job

and failure in production wrong information's etc. Therefore, using an appropriate communication management system to resolve construction and design problems is essential (Foley, J. and Macmillan, S. 2005).

Literature Review

Communication management is important for any project and has been described in many studies for its impact on project success. The main reason for project failure is due to failed communication management. The main goal of the study is to determine the actual management of project communication, summarize the information collected and use it for future research to develop a method of selection of project communication management. Samples that best match the characteristics of a given project, team, and its environment. Studies also show that ensuring proper and effective communication about a project is not just a matter of preparing, collecting, distributing, collecting project information and defining responsibilities for project team members and other project stakeholders. There are also good results. Personal contact with team members, developing positive relationships and adhering to the basic rules of clear and positive communication⁴.

Project management is managing (scope, time, cost, quality, human resources, stakeholder communication and risk management). Projects suffer from issues such as scale, cost and scheduling reduction due to improper stakeholder communication management and lack of customer satisfaction with the project results. Instead of focusing on communication with stakeholders, it is assumed that the quality of stakeholder communication management determines the outcome of the project. the quality of communication with stakeholders was assessed by the data project managers and the results of the projects were collected in the related section. The results ensured a strong relationship and reliance on stakeholder engagement project outcomes. This study collaborates with guidelines and templates to help project managers improve and document stakeholder communication skills, respectively⁵.

Methodology

to crating communication plan should be have business communication skills necessary both within internal and external audiences. To provide the opportunity to understanding a mechanism needed for communication and how are effective. Deal with different types of communication through different levels in organizations. Make best feedback to understand reports to analyzing the result from decision-making of work.⁶.

Engineering
Department

Horizontal Communication

Consultant

Quality Reports

Project
manager

Approvals

Internal

Weekly Reports

Weekly Reports

Area Manager 1

Area Manager 2

Technical Support

Materials requests

Supply Chain

Daily Report

Daily Report

Vertical Communication

Critical Sit team

Normal Site team

Normal Site team

Critical Sit team

Direct Emergency Support

Contractors

Contractors

Invoices

Finance

Sub-
Contractors

Sub-
Contractors

Safety & QC

Monthly Report



Internal

External

Urgent Communication Escalation

Up/down Communication

Results and Discussion

at the diagram above there are different type of Communication these types are:

- Vertical Down/Up Communications:
 - a) Down: it is from up level to down level it is including instructions and information .it is Verbal messages and documented to staff in the meetings.
 - b) UP: it is from Down level to Up level it is including progress and activity reports and documented.
- Horizontal Communication:

These take the different department related to the project to support some causes such as approvals or requests.
- External Communication:

It is with some Partners out of Organization to check for Quality and controlling, it is documented.
- Urgent Emergency Communication Escalation:

This type for Urgent and need Quick Actions Taken not as normal process routine to solve it or approval because the sites serve critical areas and VIP people. the first thing using Oral Communication from down level to High Level without escalation to Mid-Level, after the problem solve or approved it is should be make full details of the issue and documented officially with representing in the meeting in the next day.

During follow up these steps the result of the plan and processes are coming fast with best quality to achieving the organization goals, all processes are working at time, invoices are paid directly, materials available and deliver when requiring and so on.

This communication plan ability and flexibility to adding new Communication types if the project need it to success this project such as Example: Direct Emergency Support Hotline.

References

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2. Kwak, Y. H., & Ibbs, C. W. (2002). Project management process maturity (PM) 2 model. Journal of Management in Engineering, 18(3), 150-155.
3. Foley, J. and Macmillan, S. (2005). Patterns of Interaction in Construction team meeting Co-Design, 1(1), 19-37
4. Karolina Muszynska, University of Szczecin, Poland.
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The impact of stakeholder communication on project outcome, <https://academicjournals.org/journal/AJBM/article-full-text-pdf/A75982D24256.pdf>
6. Diploma in Business Administration Study Manual BUSINESS COMMUNICATION , The Association of Business Executives William House • 14 Worple Road • Wimbledon • London • SW19 4DD • United Kingdom Tel: + 44(0)20 8879 1973 • Fax: + 44(0)20 8946 7153 E-mail: info@abeuk.com • www.abeuk.com, <http://www.mim.ac.mw/books/Business%20Communication.pdf>